

Chapter 3 The Biosphere

Section Review 3-2

Reviewing Key Concepts

Short Answer On the lines provided, answer the following questions.

1. What is the main source of energy for life on Earth?

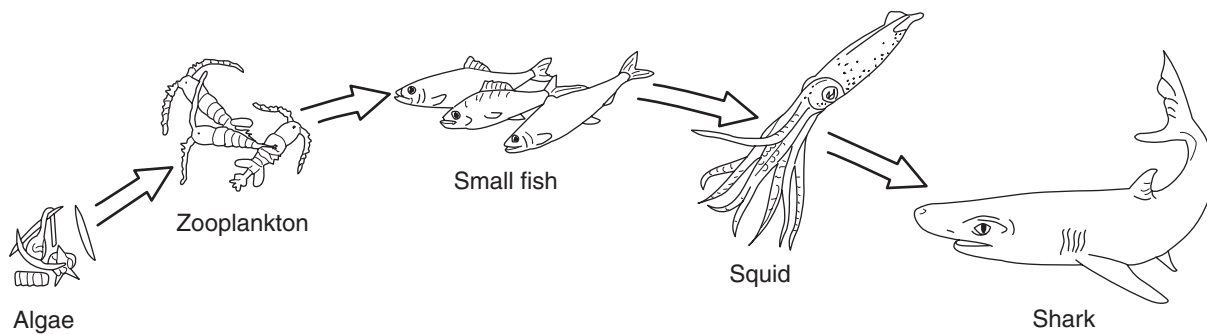
2. From what other source can organisms draw energy?

3. Describe the one-way path of energy through an ecosystem.

4. About how much of the energy within any level of a food chain is available to the next level?

Reviewing Key Skills

Interpreting Graphics



5. Name the producer(s) in the food chain. _____
6. Name the consumer(s) in the food chain. _____
7. **Applying Concepts** Explain how autotrophs are producers.

8. **Comparing and Contrasting** Compare and contrast the following types of consumers: herbivores, carnivores, and omnivores.

9. **Comparing and Contrasting** How does a food chain differ from a food web?

10. **Calculating** If producers in an energy pyramid produce ten million Calories of energy, how many Calories of energy would be available at the fourth trophic level?
